

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	49	((("5613925") or ("5735775") or ("5961426") or ("4492299") or ("4569401") or ("4765609") or ("4819934") or ("5197931") or ("5221243") or ("5249803") or ("5607377") or ("5674157") or ("5679103") or ("5685805") or ("5899835") or ("5921896") or ("5993362") or ("6027435") or ("6033348") or ("6053850") or ("6110079") or ("6220992") or ("6220992") or ("6659969") or ("20020013198") or ("20040209743") or ("3608896") or ("4288071") or ("4319748") or ("4398891") or ("4548420") or ("4770409") or ("4911439") or ("5291878") or ("5378209") or ("5454774") or ("5486011") or ("5505680") or ("5585878") or ("5601515") or ("5624388") or ("5683336") or ("5685810") or ("5858795") or ("5941837") or ("6004243") or ("6102837") or ("6142913") or ("6208012") or ("6241823"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/07 19:39
S2	25	perez-charles\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/07 19:47
S3	152	(482/90).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/12/07 20:06
S4	657	(482/83-87).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/12/07 20:07
S5	570	S4 not S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/07 20:07
S6	0	("2004/0209743").URPN.	USPAT	OR	ON	2006/12/07 20:07

## EAST Search History

S7	8	("5554088"   "5624358"   "5674157"   "5899835"   "5921895"   "5921896"   "6398697"   "D291339").PN. OR ("D483828").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/07 20:07
S8	26	a63b069/24.ipc. not us.cc.	DERWENT	OR	ON	2006/12/07 21:06
S9	46	a63b069/22.ipc. not us.cc.	DERWENT	OR	ON	2006/12/07 21:06
S10	182	a63b069/34.ipc. not us.cc.	DERWENT	OR	ON	2006/12/07 21:06
S11	243	S8 S9 S10	DERWENT	OR	ON	2006/12/07 21:22
S12	39	(482/33).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/12/07 21:26
S13	152	(273/359).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/12/07 21:28
S14	655	((473/422) or (473/423) or (473/444) or (473/441) or (473/451) or (473/453)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/12/07 21:38
S15	620	S14 not (S3 or S4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/07 21:55
S16	1029	((482/129) or (482/121)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/12/07 21:55
S17	1014	S16 not (S3 S4 S14 S13 S12)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/07 21:56
S18	245	S16 and (fold\$4 or collaps\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/07 21:56

## EAST Search History

S19	2204	((248/165) or (248/166) or (248/168-171)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/12/08 09:45
S20	625	(248/165).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/12/08 09:49
S21	930	(248/168-171).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/12/08 09:51
S22	77	S21 and (punch\$3 or striking or hitting or kick\$3 or bag or balloon or cushion\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/08 09:53
S23	0	("2004/0209743").URPN.	USPAT	OR	ON	2006/12/08 10:06
S24	13	("2620188"   "3933354"   "4557478"   "4974833"   "5221243"   "5584779"   "5716302"   "5723786").PN. OR ("5921896").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:06
S25	22	("2890049"   "3411497"   "3837643"   "4284271"   "4331329"   "4462599"   "4477083"   "4557478"   "4598905"   "5129872"   "5330403").PN. OR ("5674157").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:07
S26	15	("2890049"   "3411497"   "3501141"   "3837643"   "4284271"   "4462599"   "4477083"   "4557478"   "4598905"   "5129872").PN. OR ("5607377").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:10
S27	8	("5554088"   "5624358"   "5674157"   "5899835"   "5921895"   "5921896"   "6398697"   "D291339").PN. OR ("D483828").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:11

## EAST Search History

S28	19	("0318766"   "2334360"   "2677545"   "3510131"   "4557478"   "4903966"   "4911428"   "4940228"   "5554088"   "5607377"   "5674157"   "5863278"   "5921895"   "5941801").PN. OR ("6398697").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:12
S29	26	("0519918"   "0581462"   "1044987"   "1733709"   "2009040"   "3022072"   "3427021"   "4662630"   "4749185").PN. OR ("5046724").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:14
S30	1	("732740").URPN.	USPAT	OR	ON	2006/12/08 10:18
S31	7	("2009040").URPN.	USPAT	OR	ON	2006/12/08 10:22
S32	1	("410475").URPN.	USPAT	OR	ON	2006/12/08 10:22
S33	4	("1578633").URPN.	USPAT	OR	ON	2006/12/08 10:23
S34	0	("2005/0181914").URPN.	USPAT	OR	ON	2006/12/08 10:23
S35	15	("0602517"   "1661805"   "3313505"   "4319748"   "D056084").PN. OR ("6159111").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:27
S36	8	("4373733"   "4725058"   "5281191"   "5498001"   "5676378"   "5792032"   "5816579").PN. OR ("5971398").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:29
S37	19	("1267678"   "2088861"   "2249309"   "4557478"   "4736947").PN. OR ("5554088").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:30
S38	21	("0825860"   "2620188"   "2625356"   "3034754"   "3510131"   "3934806"   "4102065"   "4557478"   "4635929"   "5286241").PN. OR ("5460343").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:31
S39	21	("0825860"   "2620188"   "2625356"   "3034754"   "3510131"   "3934806"   "4102065"   "4557478"   "4635929"   "5286241").PN. OR ("5460343").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:33
S40	14	("0101912"   "0694335"   "1739795"   "2909370"   "4012901").PN. OR ("4387892").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:33

## EAST Search History

S41	23	("0925342"   "2435864"   "3256021"   "3498613"   "Re30344").PN. OR ("4477083").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:34
S42	5	("1978499").URPN.	USPAT	OR	ON	2006/12/08 10:34
S43	3	("654051").URPN.	USPAT	OR	ON	2006/12/08 10:35
S44	9	("2620188"   "3510131"   "4512569"   "D265333").PN. OR ("D291339").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:35
S45	5	("3268223").URPN.	USPAT	OR	ON	2006/12/08 10:36
S46	5	("3268223").URPN.	USPAT	OR	ON	2006/12/08 10:36
S47	13	("2949298"   "3246893"   "3351307"   "3480274").PN. OR ("3923302").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:36
S48	11	("0391026"   "0658810").PN. OR ("3823939").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:37
S49	0	("2006/0148597").URPN.	USPAT	OR	ON	2006/12/08 10:37
S50	35	("1441221"   "20050113193"   "2219732"   "3166317"   "3227450"   "3351343"   "3397885"   "3477717"   "3540726"   "3876203"   "3893669"   "4050694"   "4089521"   "4105203"   "4191372"   "4460172"   "5082262"   "5184816"   "5282615"   "5344138"   "5593155"   "5713805"   "6086488"   "6099419"   "6296582"   "6514161"   "6648780").PN. OR ("7115052").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:37
S51	14	("3529823"   "5071122"   "5256069"   "5303914"   "5342267"   "5352170"   "5435545"   "5458552"   "5800291"   "5842938"   "6280351"   "6663512"   "D356127").PN. OR ("6896630").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:39
S52	14	("3663018"   "4105203"   "4555110").PN. OR ("5618039").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:41
S53	16	("3329428").URPN.	USPAT	OR	ON	2006/12/08 10:43
S54	10	("2977120"   "3640528"   "4402504"   "4431181"   "4549733"   "4603855"   "5527245"   "5626541"   "5906566").PN. OR ("6726601").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:44

## EAST Search History

S55	23	("0704840"   "4328964"   "4666151"   "4685670"   "4863161"   "4863163"   "4902007"   "4961573"   "4968028"   "5074551"   "5348524"   "D254143").PN. OR ("5586962").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:44
S56	26	("1269212"   "1487635"   "1903683"   "2141067"   "3124329"   "4038769"   "4137662"   "4183695"   "4565466"   "4676015"   "4888894"   "4951407"   "5489077"   "5624210"   "5732911").PN. OR ("6315251").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:45
S57	11	("3262406"   "3593954"   "4101163"   "5439269"   "5524968"   "5738326"   "5927810").PN. OR ("6030045").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:48
S58	33	("2732823"   "2887983"   "3526200"   "3847335"   "3899843"   "4507887"   "4541190"   "4592158"   "4593879"   "4619220"   "4694601"   "4817319"   "4863138"   "4866866"   "4875302"   "4980984"   "5152091"   "5276424"   "5340068"   "5540007"   "5611509").PN. OR ("5829178").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:48
S59	24	("0844674"   "0897737"   "1493467"   "2493978"   "2709560"   "2794612"   "3203657"   "3381998"   "3422938"   "4079992"   "4474407"   "4597605"   "5137236").PN. OR ("5505524").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:49
S60	15	("3181828"   "4183579"   "4366981"   "4381690"   "4607882"   "4691892"   "4865382").PN. OR ("4932719").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:50
S61	17	("2324970"   "2590049"   "3502330").PN. OR ("3837643").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:52

## EAST Search History

S62	95	("2534019"   "3004623"   "3116809"   "3276544"   "3356366"   "4119311"   "4139192"   "4159826"   "4162063"   "4284271"   "4336933"   "4337942"   "4339123"   "4381861"   "4386772"   "4415151"   "4452444"   "4477070"   "4483531"   "4489933"   "4563001"   "4564193"   "4576375"   "4598904"   "4598905"   "4630816"   "4644892"   "4706953"   "4730826"   "4776581"   "4790529"   "4824100"   "4836530"   "4863156"   "4863160"   "4900011"   "5074550"   "5221241"   "5299989"   "5371936"   "5385518"   "5484362"   "5533948"   "5545110"   "5575738"   "5599259"   "5605462"   "5607377"   "5704882"   "5729852"   "5788606"   "5810695"   "5876311"   "5934679"   "5967943"   "6036620"   "6042514"   "6053845"   "6071213"   "6095951"   "6110074"   "6126578"   "6129649"   "6132338"   "6135922"   "6162061"   "6174266"   "6193632"   "6210285"   "6237169"   "6261207"   "6264583"   "6302250"   "6319174"   "6346065"   "6371434"   "6402662"   "6409633"   "6447426"   "6648799"   "D270557"   "D291712"   "D304850"   "D325951"   "D362478"   "D363325"   "D384115"   "D428955"   "D462103"   "RE30344").PN. OR ("7094181").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:54
S63	23	("0237820"   "0818604"   "1050501"   "1578633"   "1603578"   "2398384"   "3022072"   "3304089"   "3510131").PN. OR ("4216957").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:57
S64	20	("0965838"   "1733508"   "3281148"   "3995822"   "4216957"   "4345755"   "4660827"   "4721302"   "4738444"   "4911428"   "5048822"   "5330398"   "5460343"   "5476433"   "5725458"   "5863278"   "D335513").PN. OR ("6090018").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:58

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S65	17	("4461477"   "4515365"   "4534557"   "4545576"   "4627620"   "4708343"   "4824237"   "4834375").PN. OR ("5071122").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:59
S66	11	("3529823").URPN.	USPAT	OR	ON	2006/12/08 10:59
S67	11	("4203242"   "4266748"   "4296509"   "4317552"   "4378100"   "4932719"   "5485978"   "5505524"   "5857748"   "6305653").PN. OR ("6572061").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 11:00
S68	2	("5330403").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/12/08 12:48
S69	61	(482/28).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/12/08 13:05